

St. Lucie River Estuary Water Quality Report

This information is provided by the Florida Oceanographic Society with support of the Marine Resources Council. It is collected by the Citizen Volunteer Water Quality Monitoring Network.

For historical data go to our website at: <http://www.floridaocean.org>

For sample results related to bacteria levels go to:

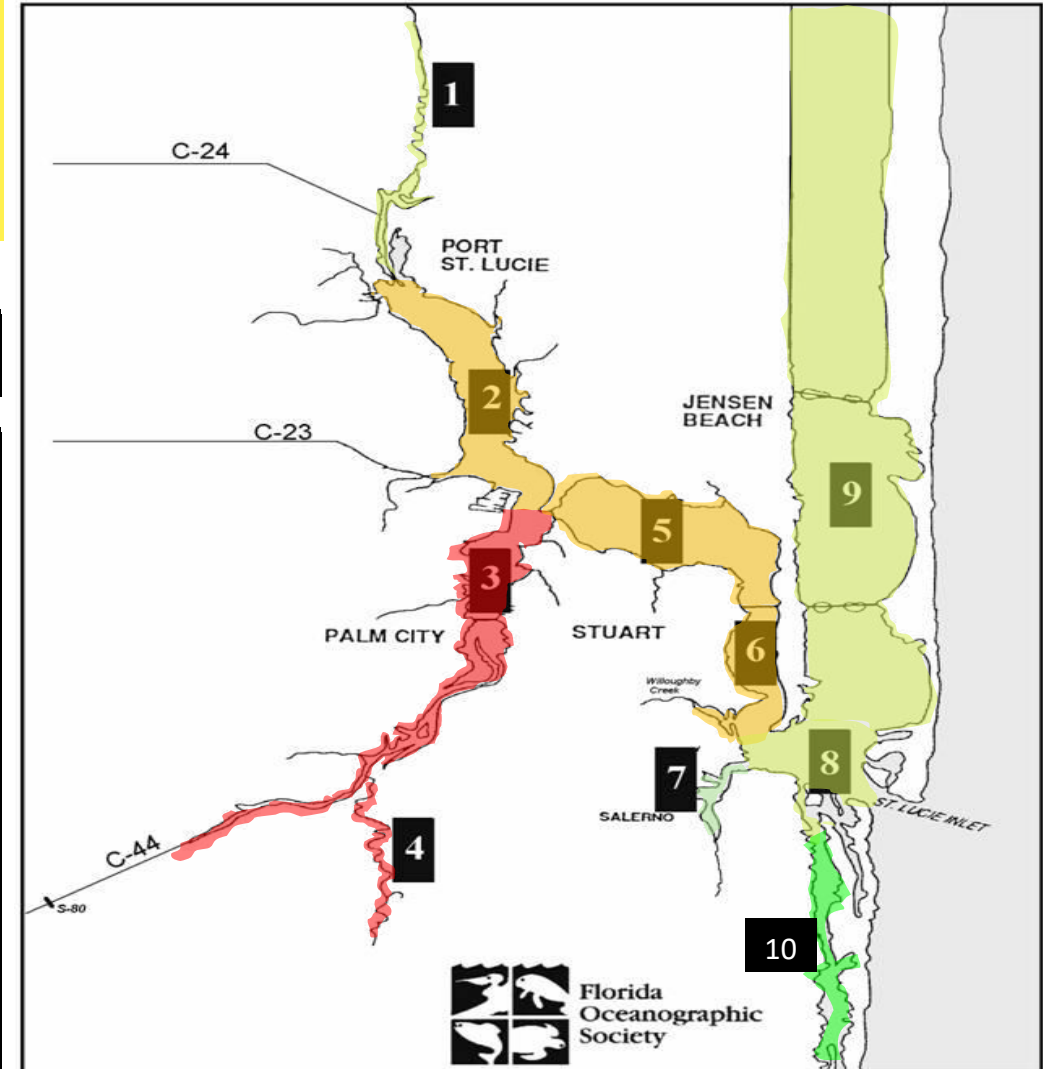
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

8/20/2020

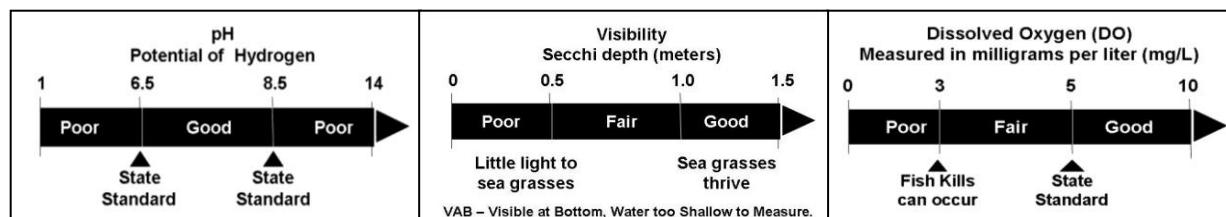
Overall Grade:	69%	D+	POOR
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score	Grade
1. Winding North Fork	82	7.5	0.4 Poor	3 Good	3.3 Fair	71%	C Satisfactory
2. North Fork	86	7.7	0.8 Fair	2 Poor	3.7 Fair	61%	D Poor
3. South Fork	86	7.6	0.5 Poor	5 Poor	4.1 Fair	51%	F Destructive
4. Winding South Fork	86	7.6	0.9 Fair	0 Poor	2.4 Poor	56%	F Destructive
5. Wide Middle River	86	7.9	0.6 Fair	12 Poor	4.3 Fair	61%	D Poor
6. Narrow Middle River	90	8.3	0.7 Fair	14 Poor	6.1 Good	66%	D Poor
7. Manatee Pocket	81	8.1	1.0 Good	25 Fair	7.3 Good	87%	B Good
8. Inlet Area	84	7.9	0.6 Fair	29 Fair	4.7 Fair	71%	C Satisfactory
9. Indian River Lagoon	86	7.9	0.9 Fair	27 Fair	3.6 Fair	71%	C Satisfactory
10. Intracoastal Waterway South	93	7.4	1.0 Good	30 Good	3.5 Fair	92%	A Ideal



Overall Grading				
A	B	C	D	F
100-90	89-80	79-70	69-60	59-0
IDEAL	GOOD	SATISFACTORY	POOR	DESTRUCTIVE

Salinity (ppt) Grading				
Zones	Description	GOOD	FAIR	POOR
1 & 4	Upper North & South Forks	2 - 8	1 - 2 or 8 - 15	< 1 or > 15
2 & 3	Lower North & South Forks	15 - 25	10 - 15 or > 25	< 10
5	Wide Middle River	> 20	15 - 20	< 15
6	Narrow Middle River	> 25	20 - 25	< 20
7	Manatee Pocket	> 27.5	20 - 27.5	< 20
8	Inlet	> 30	25 - 30	< 25
9	IRL & Intracoastal Waterway	> 30	25 - 30	< 25



Comment: The data above may indicate areas of concern in the St. Lucie Estuary. Citizens should call the Florida Department of Environmental Protection (DEP) at 871-7662 or the South Florida Water Management District (SFWMD) 223-2600 to ask about the quality of a specific area and report observations of pollution.